

SPRAGUE®

THE MARK OF RELIABILITY

APRIL, 1968

LOG



J. CHARNES NAMED VISALIA PLANT MGR.

James Charnes has been appointed Manager of the Visalia plant of the Sprague Electric Company's Special Components Division, it was announced by Norton Cushman, SCD Division Manager. In announcing the appointment, Mr. Cushman said he is confident that Mr. Charnes "will make significant contributions to the operations and growth of this important facility of the Sprague Electric Company."

Mr. Charnes comes to Sprague Electric from Burroughs Corporation, Electronic Components Division of Plainfield, New Jersey, where he had been Manager of Manufacturing Services since 1964.

Mr. Charnes is a graduate of the University of London, London, England, and later received the dual degrees of Bachelor of Science in Industrial Engineering and Bachelor of Science in Mechanical Engineering from Columbia University in New York.

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Sprague Electric Stockholders Hold Annual Meeting At Building Nine Conference Room In North Adams

Sprague Electric Company's 1968 operating results should be significantly better than the depressed level of 1967, with earnings growth in the next five years expected to at least equal the firm's long-term average rate of 16% per year, stockholders were told at the annual meeting by Robert C. Sprague, Chairman of the Board and Chief Executive Officer.

The stockholders also voted to increase the number of authorized shares of common stock from 6,000 to 10,000 and to create a new class of 5,000,000 shares of preferred stock.

"These changes are designed", Mr. Sprague said, "to afford greater flexibility in any future long term financing, or for use in possible acquisitions of other businesses."

Commenting on probable 1968 results, Mr. Sprague told the meeting that first quarter earnings will be below the first quarter of 1967, which was before the full effect of the downturn in business experienced later in the year was felt. He added, however, that shipments and profits should begin to make a favorable comparison with last year beginning in the second quarter.

Mr. Sprague noted that the Company's large integrated circuit plant at Worcester, Massachusetts which bore heavy startup and product qualification expenses in 1967, has been rapidly building up its rate of production, with over 500,000 units manufactured and shipped this month. The plant is expected to

reach a profitable level of operations during 1968. This improvement, together with the anticipated recovery in sales of the Company's passive components, should enable Sprague to achieve a new peak in sales this year.

Although 1968 earnings are not expected to reach the previous peak enjoyed during the boom year 1966, Mr. Sprague explained, management looks for substantial improvement against 1967, when a decline in consumer purchases of electronic equipment and heavy components inventories in the hands of the Company's customers caused a marked downturn in demand for most types of electronic components.

Suggestion Dollars Mount During Year 1967

An inventory of the 1967 Suggestion System reveals that a total of \$22,590 was expended in awards last year - an increase of \$4,434 over 1966.

Further comparison with the 1966 statistics shows that while there were some 500 fewer eligible employees in 1967, there was an improvement in the number of suggestions received, the number of ideas accepted and a resulting increase in the amount of money paid out to suggesters. The average award for 1967 was \$60 compared to \$45 for 1966.

Of the 19 Sprague plants eligible to receive awards under the Suggestion

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B. R. Carlson Elected Sr. Vice President, Finance By Directors



At a Board of Directors meeting held following the Annual Meeting of the Stockholders, Bruce R. Carlson was elected to the new post of Senior Vice President, Finance. He also retains his former position as Treasurer of the Company.

Mr. Carlson first joined Sprague Electric in 1953 as Statistical Assistant to the President, having previously been associated with Stein Roe & Farnham, Chicago investment counsellors as Security Analyst. He was named Vice President, Corporate Planning and Systems in 1960 and in 1965 was named Treasurer and elected to the Board of Directors.

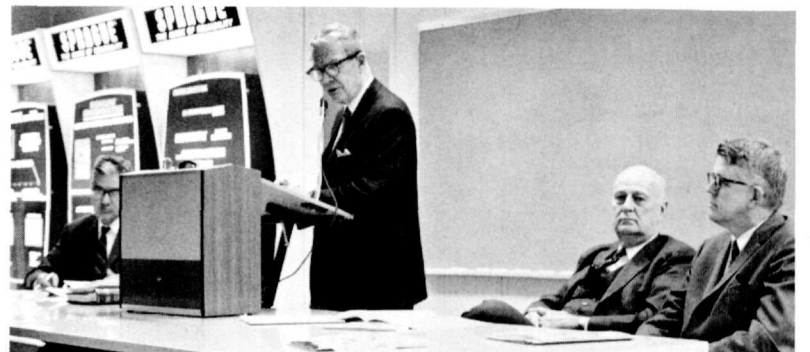
Active in the affairs of the Electronic Industries Association, Mr. Carlson is a Director of the EIA Mar-

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STOCKHOLDERS MEETING WELL ATTENDED

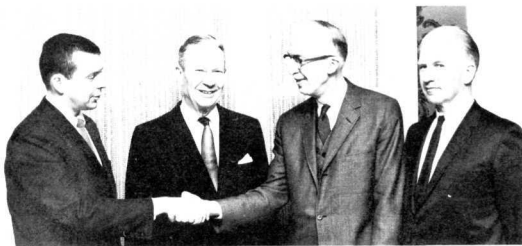


Stockholders gathered in the Bldg. 9 Conference Room prior to the meeting. Directors seated in the front row are: (left to right) Joseph A. Erickson, Dr. Jerrold R. Zacharias, Dr. Jerome B. Wiesner and Dr. Augustus B. Kinzel. Across the aisle in the front row are Sprague executives and Directors, Neal W. Welch, Carroll G. Killen and Dr. John L. Sprague.



Robert C. Sprague (standing), Chairman of the Board and Chief Executive Officer, reported to the stockholders on the Company's progress during 1967. Seated at the table are: (left to right) Robert E. Kelley, Senior Vice President, Legal; Ernest L. Ward, President; and Bruce R. Carlson, Treasurer.

Photos by S. L. Chertok



A large number of John Schimmel's friends and coworkers gathered at the 1896 House in Williamstown to extend their best wishes prior to his retirement. Pictured above, Dr. John L. Sprague (left) congratulated Mr. Schimmel (second right) as Robert C. Sprague (second left) and Dr. Frederick Fowkes looked on.

John Schimmel III Honored At Retirement Party Held At 1896 House In Williamstown

A retirement party honoring John Schimmel III was held at the 1896 House in Williamstown, Massachusetts on March 1 with Dr. Frederick M. Fowkes, Director of Basic Research, as master of ceremonies.

Mr. Schimmel joined Sprague Electric as Executive Engineer in 1951 and was Manager of Staff Relations at the time of his retirement. Prior to joining the Company he had been associated with the Franklin Institute as Assistant Division Director of Laboratories for Research and

Development.

A veteran of World War II, Mr. Schimmel served in the U. S. Army as a Lieutenant Colonel in Administration and Personnel from 1940 to 1945. He had been employed previously by Bell Telephone Company of Pennsylvania in the commercial engineering field.

A graduate of Baltimore Polytechnic Institute, Mr. Schimmel received his B.S. degree in Electrical Engineering from Princeton University.

PLYMOUTH BENEFIT FUND CONTRIBUTIONS



Nathan Gallinger (center), Area Coordinator, Squam Lakes Region, New Hampshire Heart Fund, receives \$25 Company donation from Manager Norman B. McWilliams (left) as June McLeod looks on. Olive Howes, (second from right) hands Suzanne Loizeaux, State Vice-Chairman, New Hampshire Heart Fund, a Benefit Fund check for \$400. Olive and June are on the Administrative Committee of the Employees Benefit Fund.



Clifford Hillier (right), representing the National Foundation, receives a Benefit Fund donation of \$400 from June McLeod and a Company donation of \$25 from Norman B. McWilliams as Olive Howes radiates her smile of approval.

Special Components Division Honored By Western Massachusetts Safety Council



A. Lionel Lawrence (second left), President of the Western Massachusetts Safety Council, presented the Runner-up to the Grand Trophy award to Harold F. White (second right), Union Street Plant Manager, at ceremonies held at the Plant on April 9. Witnessing the presentation were: (left to right) Victor J. Mari, Executive Director of the Safety Council for Western Massachusetts; Mr. Lawrence; Norton Cushman, Manager of the Special Components Division; Mr. White; and James Nicol, Superintendent, Union Street.

A. Lionel Lawrence and Victor J. Mari, President and Executive Director of the Western Massachusetts Safety Council, presented a Runner-up to the Grand Trophy safety award to the Special Components Division at ceremonies held at the Union Street Plant on April 9.

Prior to the presentation, Anthony N. Sacco, Corporate Safety Supervisor, spoke briefly to the assembled group and noted that the almost five million manhours worked without a lost time accident was truly an enviable record. The Special Components Division has been without a lost time accident since December 1960.

Mr. Lawrence presented the plaque to Harold F. White, Union Street Plant Manager, and extended his congratulations not only to the managers but to all employees who had made the record possible. Mr. Lawrence said that he was looking forward to next year when he hoped

the Division would win the Grand Trophy Award. This award is the highest in the state and is presented annually by the Associated Industries of Massachusetts.

In accepting the award Mr. White expressed his thanks to all the employees and said that they were now presented with a real challenge — to maintain their excellent record during 1968.

Representatives from each department at Union Street witnessed the presentation.

N. A. Bloodmobile



The Red Cross Bloodmobile set up their equipment in the Bldg. 9 Conference Room on February 20 for their first Sprague Electric in-plant visit. Co-chairmen, Richard O'Neill and Francis Dennett, announced that during the one-day stay 187 pints of blood were collected — 13 short of the one-day goal. Over 30 pints were donated to the young son of a deceased Marshall Street Foreman who will undergo open heart surgery later this spring.

James Charnes

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His prior experience includes positions of Manager of Manufacturing Services of General Instrument Corporation, Newark, New Jersey; Manager, Manufacturing Engineering of the Whirlpool Corporation home laundry equipment plant at Clyde, Ohio; and other engineering posts with Westinghouse Electric Corporation's Semiconductor and Electronic Components Division at Youngwood, Pennsylvania and the Joy Manufacturing Company of Franklin, Pennsylvania.

Mr. Charnes, his wife and their three children will move to Visalia from Livingston, New Jersey in the near future.

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SPRAGUE ELECTRIC LOG

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No. 5



John Seacord Moves To Worcester As Mgr. Hybrid Circuit Oper.

Announcement of the promotion of John M. Seacord to the position of Manager of Hybrid Circuit Operations at the Company's Semiconductor Division plant in Worcester was made by Dr. Robert S. Pepper, Associate Director of Research and Development. Prior to his promotion Mr. Seacord was Administrative Assistant to Dr. Pepper.

Mr. Seacord is a native of Oconomowoc, Wisconsin and a graduate of the U. S. Naval Academy in 1954. He served in the Navy in the Atlantic and Mediterranean areas and in 1958-1959 did a year of graduate work at Rensselaer Polytechnic Institute.

In June 1959 Mr. Seacord joined Sprague Electric Company as an Engineer in the Test Equipment Department. In August 1960 he was made a Section Head in that department and in 1961 was promoted to Department Head. He transferred in January 1964 to the Microelectronics Department where he was assigned to the microelectronics design and circuit development area. In 1966 he was named Administrative Assistant to Dr. Robert S. Pepper, Associate Director of Research and Development, the position he held until his latest promotion.

Data Processing Men Provide Course For Area High Schools

James R. Whitton, Manager of Data Processing, is coordinator of the data processing program being given for juniors and seniors at Adams Memorial High School, Adams, Massachusetts and Mt. Greylock Regional High School in Williamstown, Massachusetts.

The course which is sponsored by the Data Processing Management Association is being taught over a 12 week period for one hour each week. Between 20 and 30 students selected by school officials attend these classes.

William R. Resk, Systems Analyst in Computer Programming, and Lawrence E. Wright, Manager of Mathematical Services, are the instructors for the course.

"The purpose of the program is to stimulate an interest among students in this exciting field of the future and to give the students an insight and foundation in data processing principles and techniques," Mr. Whitton said. With the tremendous increase in the use of computers in all phases of industry, banking, and public service organizations, a basic foundation in its concepts is well worthwhile.

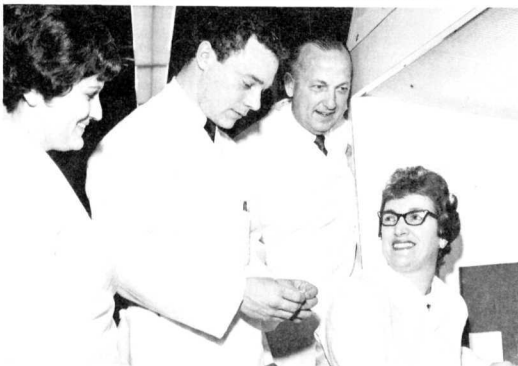
The course being given at these two schools is the first of its kind ever offered to high school students in this area.

Mr. Whitton concluded that, "A career in the Data Processing field is both challenging and rewarding."

Mr. Seacord is married to the former Mary Durand Betts and the couple has two children. The family will move to Worcester at the end of the current school year.

Mr. Seacord is a member of the Naval Reserve Surface Division and of the Institute of Electric and Electronic Engineers.

WORCESTER'S 1000th EMPLOYEE



Florence M. Lorusso became Worcester's one-thousandth employee when she joined the Compatible Components Department on February 5, 1968. In the picture above she is being congratulated by (left to right) Theresa Tarkiainen, Worcester Employment Manager; John Hammer, Foreman; and H. Kenneth Ishler, Vice President of the Semiconductor Division.

Sprague of Wisconsin, Inc. Celebrates 20th Anniversary As Sprague Subsidiary



The employees pictured above came to the new Grafton, Wisconsin plant from the Milwaukee facility in 1953. They are (left to right) Harry Rubinstein, Sid Williams, Delilah Mazemke, Haddie Lipinski, Adolphia Kehl, Lois Loehr, Arlene Kehl, Ethel Dietrich, George Mantey, Hugh Putnam and Clarence Lindauer. Missing from photo: Joe Heisl and Gene Biemling.

Wednesday, February 28, 1968, marked a milestone for the employees of Sprague of Wisconsin, Inc. On that day they celebrated the 20th anniversary of the joining of the Sprague Electric Company and the then Herlec Corporation. Harry W. Rubinstein, President of Sprague of Wisconsin, and Sidney B. Williams, General Manager, are the only original founders of Herlec Corporation still with the company.

The festivities began with a few words by Mr. Rubinstein who then introduced Neal W. Welch, Executive Vice President of Sprague Electric. Mr. Welch complimented the employees and urged them to keep up the fine work. At the conclusion of Mr. Welch's remarks a birthday cake with 20 candles was cut and the employees enjoyed refreshments.

In his address, Mr. Rubinstein noted, "We are celebrating the 20th anniversary of the joining of our company with Sprague Electric. Our company was founded on a shoestring 22 years ago and of the founders, Sid Williams and I are the only ones who have been with the operation from the beginning."

"We do have with us, however, some of the oldtimers, notably Delilah Mazemke, Haddie Lipinski, Adolphia Kehl, Lois Loehr, Arlene Kehl, Ethel Dietrich, George Mantey, Hugh



Mr. Rubinstein (left) and Mr. Williams cut the 20th Anniversary cake at the celebration.

Putnam, and Clarence Lindauer. We have grown from an initial start of six people to our present employment of over 300. Since we started in 1946 we have sold over 24 million dollars worth of merchandise. Except for the first year, with the usual starting losses, our operation has been profitable continually. This certainly speaks well of our choice of employees and our mutual arrangement of direct dealing with our employees. We are all to be congratulated."

Sales Engineer Has Article Published

Henry M. Joscifyk, our semiconductor Sales Engineer stationed at the Sprague Electric Dayton, Ohio office, is the author of an article on subcarrier demodulation which appeared in the December 1967 issue of *Broadcast Engineering* magazine.

Mr. Joscifyk compared three methods of subcarrier detection - selective-filter method, heterodyne method and synchronized oscillator detector - found in SCA receiving equipment in use today. These methods are used to detect and eliminate cross-talk or interference between carriers.

SCA, Subsidiary Communications Authorization, is the background music content on FM radio stations.

Bruce Carlson

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keting Services Department. He is also a member of the Investment Analysts Society of Chicago, the American Statistical Association, and the Operations Research Society of America.

Mr. Carlson is a graduate of Stanford University, where he was elected to Phi Beta Kappa. He did graduate work in accounting and statistics at Northwestern University, and served for several years as an instructor in Business Statistics in the Northwestern University School of Commerce in Chicago. During World War II, he served as an interpreter and translator of Japanese as a Naval Intelligence Officer in the Southwest Pacific.

EMPLOYEE SUGGESTIONS REAP CASH AWARDS



A \$275 Suggestion Award was presented to Paulette Ricard (left) by Pete Wayne (second from left), Foreman, 150D Tantalum Production. Also receiving awards were: Rita Normand (second from right), \$170; and Roger Amand (right), \$15. Dick Oliver (center) is a Group Leader in the Tantalum Production Department where all the suggestion winners are employed.

SANFORD

The largest Suggestion Award since the Suggestion System was inaugurated at the Sanford plant in 1966 was achieved recently by Paulette Ricard of 150D Tantalum Production. A check for \$275 was presented to Miss Ricard by her Foreman, Peter Wayne. Miss Ricard's suggestion dealt with an improved procedure regarding repairs on the multi-solder machine in the 150D tantalum production line. The time savings which resulted by eliminating various movements by the operator determined the \$275 award.

The second largest award announced on March 15 was to Rita Normand who received \$170 for her suggestion which again involved time savings. This suggestion was simply a matter of splitting the chipboard used on the multi-solder machine by hand rather than with shears.

Seven other awards were announced at this time with all of them in the \$25 and \$15 categories except for a suggestion by Monolithics Group Leader, Paul Tebbetts, who received \$70 for his suggestion regarding the improvement of a jig on the flow solder machine which increased the yield 10 to 15%.

NASHUA

Robert Goulet, Department 5291, scored for two suggestion awards;



Robert Goulet (left), recipient of a \$154 Suggestion Award, proudly displays congratulatory letter to Thomas F. Richardson, Nashua Resistor Plant Manager.

his suggestion in regard to his revision on testing units in the Control Lab netted him \$154; and for his other suggestion to use a new form for Western Electric testing he received \$25.

Hector Brault, 5264, received \$50 for his suggestion to prevent "dead spots" on counters on winding machines. Michael Korsack, 5169, received \$25 for his suggestion to improve the loom operation. Philip Nadeau, Department 5040, was the recipient of a \$15 Safety Award and Steven Allen of Department 5151 received \$25 for his suggestion for easier removal of slugs from the kiln.

Herbert Ottman, 5169, received \$25 for his suggestion in regard to eliminating some of the pumps used on the testing and adjusting machines and Dorothy McCarthy of Department 5119, another Suggestion Award winner, received \$25 for her suggestion on an improved method of applying a protective coating on ceramic units.

PLYMOUTH

A total of \$569 was distributed recently to 12 Plymouth employees for the ideas they submitted through the Suggestion System.

The highest amount awarded was to a husband and wife team, Thomas and Lillian Jaques, 4264, who shared a \$206 award for their combined suggestion to use a spring clamp hold-down for clipboard multi-crimping. In addition to the award he shared with his wife, Mr. Jaques also received a \$25 award for his improved method of pulling the plug for miniature injection molding.

Myra Brown, 4264, was second high winner with her award of \$158. She suggested that a thinner type nut plate be made on the ferris guide of the miniature automatic stamper to enable it to stamp two types of units. This amount was based on an estimated six month's saving and will be re-evaluated at that time.

Richard Sellingham's improved method of removing stubborn ink stamps from units in the ultrasonic machine was voted an award of \$50.

There were five \$25 award recipients. They included Gloria Merrill, 4264, who suggested that a



Lillian and Thomas Jaques (center) as co-suggesters, split a \$206 award for their idea to provide a spring clamp hold-down device for chipboard multicrimping. Additionally, Mr. Jaques was awarded \$25 for his suggestion to provide a plug puller for miniature injection molding. Thus Tom's check was for \$128 while his wife's was for \$103. Superintendent Robert Marriott (left) and Night Shift Foreman, Jay Miller (right), made the award presentation.

shield be placed around the miniature cutoff bar to catch the units; Guy Burnham, 4231, improved lighting to enable better checking of pellets; Edith Holmes, 4264, for her suggestion to keep units all facing one way as they are ejected from the hand crimper; Joyce Coursey, 4281, for her idea to improve the inspection operation; and Thomas Jaques, whose suggestion was outlined above.

Theresa Greene, 4282, received a Safety Award of \$15 for her suggestion to smooth off the edge of the sharp metal on certain machines and Pauline Moulton and June King, 4263, shared a \$15 Safety Suggestion Award for their idea to cut the end off the jet position on the 180D conveyor.

ASHE COUNTY

Six Ashe County employees were recipients of checks for their suggestions to improve operations at the North Carolina plant.

Ira Sexton of Department 7051 received \$25 for his suggestion for an improvement on large slitters; Clyde Osborne, Department 7081, was the winner of a \$25 award for his suggestion to have the rack holding electrolyte trays on aging trucks built on an angle for water to drain off after washing; a suggestion for an improvement on the Joyal welders earned Leva B. Parsons an award of

\$25; and Bennie Colvard also received a \$25 check for his suggestion to shorten the electrode point on the Joyal welders. Elsworth Barr, 7081, was awarded \$15 for his suggestion to rework the double doors at cover assembly to allow easier access and Edward Sullivan received a \$25 check for his suggestion to use an available spray gun to lacquer DX8, 34D and 42D units.

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Marie Dargie (above), Brown Street Purchasing, was the recipient of two Suggestion Award checks. Her check for \$290 was the top award granted last month by the North Adams Suggestion Committee.

Three Dearborn Employees Receive Checks



Pictured above are recent Suggestion Award winners from the Dearborn plant. They are (left to right) Carrie Holder, \$25; Jim Murray, \$67.50; and Terri Duncan, \$15.



Robert Jay Heads Marketing Group For Semiconductors

Robert R. Jay has been promoted to Marketing Manager of the Semiconductor Division plant in Worcester according to a recent announcement made by Carroll G. Killen, Vice President, Marketing and Sales.

Mr. Jay first joined the Company in 1960 as Marketing Manager for transistors at the Concord, New Hampshire plant. In 1961 he joined the Semiconductor Division where he served in various marketing capacities. He was named Assistant Marketing Manager for the Division in December 1965.

Mr. Jay is a graduate of the University of Notre Dame with the degree of Bachelor of Science in Engineering and received the degree of Master of Business Administration from the Harvard Business School.

Before coming to Sprague Electric he was with the General Electric Company in Syracuse, New York and in Metropolitan New York in marketing and sales posts.

Mr. Jay served in the U. S. Navy as a lieutenant in the Civil Engineering Corp. He is a member of the Institute of Electrical and Electronic Engineers, the American Management Association and the Harvard Business School Club of Worcester.

Mr. Jay attended De La Salle Collegiate in East Lansing, Michigan.

W. Corson Returns To Concord Plant

Recently transferring back to Concord from Sprague Electric in Worcester, Massachusetts, was Wesley W. Corson. Mr. Corson joined the Sprague Electric Company in Concord during April 1964 as a Metal Preparation Technician. Since that time he has held the position of Development Lab Technician - Engineering Assistant in Worcester and more recently Development Lab Engineering Assistant here in Concord, reporting to Robert Gagne, Product Manager of S.E.P.T.

Mr. Corson is a native of Boston, Massachusetts, and received his formal education at Dover High School, Dover, New Hampshire and the New Hampshire Vocational Institute in Manchester, New Hampshire. He is a Staff Sgt. in the Massachusetts Air National Guard and is a member of the University of New Hampshire Sports Car Club and the Worcester Area Sports Car Club.

Production Supt. For Hillsville Plant

Kyle A. Compton has joined Sprague Electric as Hillsville Plant Production Superintendent according to a recent announcement by Boyd S. Ray, Plant Manager of the Hillsville plant.

Mr. Compton is a native of Russell County, Virginia and attended Milwaukee School of Engineering. He has also completed several Industrial Management Courses sponsored by the University of Virginia. Prior to joining Sprague Electric, Mr. Compton held management positions with Westinghouse and General Electric Company.

He moved to Hillsville from Lynchburg, Virginia where he was active in church and community affairs. He is a member of the International Gideons Organization.

Mr. & Mrs. Compton and their four children are residing in Hillsville.



Kyle A. Compton

Askins Heads Filter Mfg. At Visalia Plant



Robert D. Askins, Jr. was recently given responsibility for all filter manufacturing at the Visalia, California Plant, reporting directly to James Charnes, Plant Manager. Mr. Askins brings several years of first-hand knowledge and experience to his new assignment, as he has progressed from Group Leader, to Foreman, and to Superintendent. He will be responsible for all phases of filter manufacturing including the Can Shop and the Prototype Line.

A graduate of Exeter High School, Mr. Askins attended Porterville Junior College and San Diego State College. He also served in the U. S. Navy from 1950 to 1954 in various locations worldwide. He was rated as AO3 upon separation from the military in 1954.

He enjoys spending his leisure time snow skiing, water skiing, hunting and golfing.

SALES OFFICE NEWS . . .

Promotions and Additions To Sales Office Personnel Announced For Five Locations



A. J. Weinberger

Alan J. Weinberger has been appointed Manager of our Southern Ohio Sales Office in Dayton, Ohio. He had previously served as Associate Manager of the office.

Mr. Weinberger joined the Company in 1953 as a Midwestwestern Applications Engineer covering government accounts. He later was in charge of sales in the Cincinnati area for the Southern Ohio sales office.

Prior to joining Sprague Electric Mr. Weinberger was associated with RCA in various engineering posts at Camden, New Jersey and Indianapolis, Indiana. He was also with Electronics Laboratories, Inc. of Indianapolis.

Mr. Weinberger is a graduate of Purdue University from which he received the degree of Bachelor of Science in electrical engineering. He later took graduate work at Purdue.



V. Crisci

W. Cutter

In recent announcements by Carroll G. Killen, Vice President, Marketing and Sales, Victor Crisci has been named to the new post of mid-Atlantic Regional Manager of the Semiconductor Division and William J. Cutter has joined the Company as Associate Manager of the Clearwater, Florida district office.

Mr. Crisci, who will make his headquarters at the New York office, will coordinate all Sprague Electric sales activities in the microcircuit and transistor field along the eastern seaboard from the Carolinas to Southern Connecticut.

Mr. Crisci first joined Sprague Electric in 1966 as a Semiconductor Sales Engineer. He had previously been connected in various sales capacities with the Dated Division of Giannini Controls Corporation and the Theta Instrument Corporation. He is a graduate of the Newark College of Engineering and a member of IEEE.

Mr. Cutter comes to Sprague Electric from Texas Instruments, Inc. where he had been District Manager of their Minneapolis office for the



J. P. Driscoll

John P. Driscoll has been named Manager of the St. Louis district office in St. Ann, Missouri it was announced recently by Carroll G. Killen, Vice President, Marketing and Sales.

Mr. Driscoll has been a Sales Engineer in the New England district office in Boston since joining the Company in 1961. He is a graduate of Boston College where he received the degree of Bachelor of Science in business administration and has also taken courses in marketing and industrial management at the Northeastern University Graduate School of Business. Mr. Driscoll is a lieutenant in the U. S. Naval Reserve. Before joining Sprague Electric, he was with Laboratory for Electronics, Inc. in Cambridge, Massachusetts.

A native of Quincy, Massachusetts, Mr. Driscoll is married to the former Leila McDaniel of Portsmouth, Virginia. Mr. & Mrs. Driscoll expect to move from their home in Stoughton, Massachusetts to St. Ann later in the spring.

Rickert Assigned To Boston Group

Donald F. Rickert has joined the Company as a Semiconductor Sales Engineer assigned to the Northeastern region in Boston under Robert Galvin, Regional Manager for the Sprague Semiconductor Division.

Mr. Rickert comes to Sprague Electric from Microwave Associates, Burlington, Massachusetts where he was employed for 8½ years, most recently as Production Manager in solid state control devices.

Mr. Rickert is a graduate of Rensselaer Polytechnic Institute and holds the degree of Bachelor of Science in physics.

He is married to the former Charlotte Gillet of Lowell, Massachusetts. The couple has two children and make their home in Chelmsford, Massachusetts.

past six years. He was previously connected, in various marketing posts, with Littlefuse, Inc. of Des Plaines, Illinois and with P. R. Mallory and Company, Inc. in both Minneapolis and Indianapolis.

Mr. Cutter attended the engineering school of Iowa State University, Ames, Iowa and received his degree of Bachelor of Science in business administration from Illinois Wesleyan University, Bloomington, Illinois.

Visalia Suggestion Award Winners



Recent Visalia Suggestion Award winners pose with their Group Leaders upon receiving suggestion checks. Pictured (left to right) are: Elizabeth Pena, IBM; Nellie Brisenio, Filter Assembly; Cleatus Yarbrough, Magnetics Production; Maria Kolb, Magnetics Testing. Back row: (left to right) Jerry Pickens, Filter Pre-Assembly Group Leader; Claiborn Ragan, Filter Pre-Assembly; Boyce Dykes, Filter Assembly Group Leader; Joe Nunes, Magnetics Production Group Leader; and Ralph Sutton, IBM Group Leader.

NORTH ADAMS SUGGESTION WINNERS

Continued from page 4

Nine suggestions were accepted at the March meeting of the Suggestion Committee for a total of \$766 to be distributed to nine employees.

The top award winner was Marie Dargie of Purchasing who received an award of \$290 for her suggestion to use Kraft insulation of condenser quality as an economy move. Marie also submitted a suggestion to change the material used for fireproofing wooden crossbars to phenolic. An award of \$53 was voted for this idea.

The second highest award for March was given to William Isherwood of Maintenance. He received a check for \$216 for his suggestion to install a microswitch on the automatic rotary can on the sealing machine.

An award of \$60 was granted to John Rosse of Brown Street Maintenance who suggested that they build a condenser which would be cheaper than buying a new one. Thirty-seven dollars was voted for William Hussey's suggestion to use steel or aluminum brackets to aid in soldering terminals on all tank units. Marion Beer of High Reliability Solid Tantalum Finish received an award of \$30 for her idea to eliminate the purchase of rubber stamps by eliminating the date code. The procedure would then be to cut a slot in a new solid type holder to add date code.

Catherine Courtemanche and Geraldine Shartrand, both of Film Products, had suggestions accepted. Catherine's idea involved using an adjustable jig to improve the stamping operation in Film Products and Geraldine's suggestion was to speed up production by putting Teflon on the ends of the first two fingers of the rubber gloves. Both girls received checks for \$25 for their suggestions.

In the Tantalum Assembly Department, Anna Osizlo and Ruth Pindick coauthored a suggestion to use a container or pan on the rolling machines to catch the excess paper. Each girl received \$15 for this suggestion.

Becker Transfers To Wichita Falls Plant



Karl Becker, popular Foreman of the Monolithics Department in the Sanford plant, left recently for his new job at Wichita Falls. At a party given by his department in the Plant's cafeteria, he received the coat he is shown holding here. In addition, he received the best wishes of the Monolithics Department and the entire Sanford plant as he left for his new position at the newly constructed plant in Texas.



William Isherwood, Marshall Street Electric Shop, was presented a Suggestion check for \$216 by George Forgea, Foreman, as Loren Reynolds, Industrial Relations Manager, looked on.

Hillsville Benefit Fund Lists Donations

The Sprague Electric Employees' Benefit Fund Administrative Committee of the Hillsville Plant met recently and approved a donation of \$1500 to the VFW Building Fund. The Benefit Fund members had requested this donation be made to the VFW Building Fund to replace the community building which collapsed due to the heavy snow.

In addition to the donation to the VFW Building Fund, the Committee approved the following donations for a total of \$3600.

Heart Fund	\$400
Cancer Fund	\$400
TB Association	\$400
Crippled Children	\$400
National Foundation	\$400

A gift of \$100 was also approved for the Hillsville Lions Club to be used for the purpose of buying glasses for needy children.

The Sprague Hillsville Employees' Benefit Fund is an employee fund set up to help charitable organizations in Carroll County and to free employees from financial appeals in and out of the plant.

Worcester Blood Bank

Worcester employees during the past winter enrolled with the local Red Cross in two blood donor programs. Result was the addition of 131 badly needed pints to the Worcester Red Cross Blood Bank - and guaranteed coverage for one year of the blood needs of donors' immediate families.

BENEFIT FUND

The Sprague Electric Worcester Employees' Benefit Fund, organized only last fall, recently made donations of three hundred dollars each to the Heart Fund, the Cancer Fund and the Worcester Area Association for Retarded Children.

The Fund previously had donated one thousand dollars to the Greater Worcester Golden Rule - Red Cross United Appeal in its first distribution of funds.

Hillsville Donation



Hillsville Manager Boyd S. Ray (left) presented a check for \$1500 to Gail Marshall (center) Commander of Grover King Post VFW No. 1115 to be used for their building fund. VFW members Milburn Barnes was also present to extend his thanks for the gift.



Ernest Garcia (left) Los Angeles Filter Production, was congratulated by Alois Staiger, Foreman, on his 15th anniversary with the Company.

On January 19, 1968, Ernest Garcia of Filter Production, Los Angeles, celebrated his 15th anniversary with Sprague Electric Company, having started when the group was young and located on Washington Boulevard in Culver City and employed approximately 25 people.

Ernie is a native of Culver City and he and his family still enjoy the "La Ballona Days" celebrated there annually.

In 1960 Ernie and his family moved to a new home in the Valley to "escape the smog of Los Angeles". He and his wife, Margarita, and three children, Joanne, Eugene and Robin, still reside there.

I am told Ernie is an excellent barber and when the group was small was happy to accommodate fellow employees with a quick haircut at lunch or break times. We wonder if he has kept up his tonsorial skills. Also, Ray Lowe, our Cost Estimator, attributes his "skills" in assembly to Ernie's tutoring.

In 1958 Ernie received a Suggestion Award for designing a tool for use in installing buckets on filters. He was presented with his 5 year pin at the Christmas Party held at the Colonial House in Inglewood that year. In 1963 he received his 10 year pin at another Christmas Party at the Cockatoo Inn and we are looking forward to presenting him with his 15 year pin at the 1968 party.

During his employment with Sprague, Ernie has been active in the bowling league, holding office one season. He also plays second base on the Los Angeles baseball team. He lists among his hobbies, football and boxing.

Fresia Promoted In N. A. Engr. Group

E. James Fresia has been appointed as Chief Engineer of Solid Electrolyte Capacitor Development Engineering it was announced recently by Richard J. Millard, Manager of the Solid Electrolyte Capacitor Engineering Department.

Mr. Fresia joined Sprague Electric in 1958 with a B.S. degree in Chemistry from the University of Connecticut. He served two years with the U. S. Air Force as a First Lieutenant.

A native of Pittsfield, Mr. Fresia is married to the former Ruth Raymond of Connecticut. They have three children and reside in Williamstown.

Baron Promoted In Concord Prod. Control



William G. Baron was recently promoted to Production Control Coordinator, reporting to Robert H. Dandy, Concord Production Manager of Hermetic Seal. In this capacity he will be responsible for assisting Mr. Dandy in promising delivery dates to customers, maintaining a bonded inventory and reporting billing credit to the Hermetic Seal Plant.

Mr. Baron joined the Sprague Electric Company as a Production Technician in November 1959. Prior to his recent promotion he was a Laboratory Technician from January 1960 to January 1962, a Final Test Engineering Technician from January 1962 to December 1963 and a Production Scheduler from December 1963 to February 1968.

A native of Manchester, New Hampshire, he received his formal education at St. Jean the Baptist school and Pembroke Academy in Pembroke, New Hampshire.

Visalia Employee Active In Jaycees

John Litchfield, Sprague Electric Company Industrial Engineer at the Visalia Plant, and Stan Simpson, co-chairmen of the Visalia Jaycees' "outstanding youth" selection committee look through a stack of applications from which a winner was selected. Visalia's outstanding youth was named on April 2 to compete in the California Jaycees' "Ten Outstanding Youths" contests in May. Selection was made on the basis of scholarship, community activities, religious activities, and athletics.

John Litchfield has been a member of the Visalia Jaycees for the past five years and has been chairman of membership, the Christmas Project, and co-chairman of the Fair Booth.



TIMES DELTA PHOTO

John Litchfield, Visalia Plant Industrial Engineer, and Stan Simpson, co-chairmen of the "Outstanding Youth" selection committee, review the applications submitted by Visalia youths.

PICTURE HIGHLIGHTS



Annually during the third week in March the Institute of Electric and Electronic Engineers (IEEE) holds its show in the Coliseum in New York City. This year 770 companies participated, many announcing new products seen for the first time at the Show. The 80 foot Sprague Electric display was located on the balcony in the 3D section.



A group of students from Emma Willard in Troy, New York enjoyed a tour of the Research and Development Center library as part of their visit to various areas at the Marshall Street Plant.

Several tours of the Marshall Street plant and the Research and Development Center have been made in recent weeks by area students and teachers.

Approximately 20 Industrial Arts Teachers throughout Berkshire County visited the Research and Development Center and were impressed with its highly sophisticated electronic equipment.

Math classes from St. Joseph's High School in North Adams toured the Data Processing Department and

witnessed a demonstration of the 360 IBM computer.

Vocational education students from Mt. Anthony High School in Bennington, Vermont had a first hand look at production, Machine Shop, and QAR.

Members of the Senior Class at Adams Memorial High School, Adams, Massachusetts and Juniors from the Emma Willard School in Troy, New York toured manufacturing areas, data processing and the Research and Development Center.



Bernard Thibert (left), Plant Engineering Services, proudly displays his Lockmaster's certificate to his boss, Stuart Pead. The difficult 32 lesson course in combination lock manipulation requires security clearance and bonding before enrollment.



Parker Truesdell (right), Standardization Department, is congratulated by John Silveria, Department Head, for successful completion of an RCA Institutes, Inc. course in Transistors. Parker is an avid student and is also enrolled in the North Adams State College degree program.

Miner and Hannam Named To Foremen's Posts At Worcester



G. Miner

G. Hannam

Announcement of the promotions of Gerald M. Miner and Gordon J. Hannam to Foremen in the Worcester plant has been made by Joseph V. Shagday and Joseph V. Vecsey, General Foremen of Integrated Circuit Assembly and Batch Process Production, respectively.

Gerry joined the Company as Group Leader in Integrated Circuit Assembly in April 1967. A veteran of three years' Army service, he is married and father of two children. The Miners make their home in West Brookfield.

Gordon Hannam was hired in late August 1966 as a Junior Process Technician in Batch Process Production. He was promoted to Group Leader on February 10, 1967 and was advanced to Foreman on April 1, 1968. A native of Worcester, Gordon served three years in the U. S. Navy. He holds the distinction of achieving the largest Suggestion Program Award in the Worcester plant's history.

Our best wishes and congratulations to these new members of the Sprague management team.

Charles Jost Joins Nashua Engineering



Charles F. Jost, Jr., Ceramic Engineer, is a recent transfer from the Sprague Electric Company's Worcester Plant. Charles started with the Company in 1964, as a Junior Engineer in North Adams. Prior to joining the Sprague Electric Company, he was a Sr. Electronics Engineer for Engineered Magnetics, Inc. of Hawthorne, California, and an Engineer with the Autonetics Division of North American Aviation in California.

Mr. Jost was born in Hoboken, New Jersey. He is a graduate of Northrop Institute of Technology, where he earned his Bachelor of Science in Electrical Engineering. He is married to the former Mary Lynn Rand. Mr. & Mrs. Jost reside in Amherst, New Hampshire.



Libby Ray Receives Citizenship Award

Mary Elizabeth Ray, daughter of Boyd S. Ray, Hillsville Plant Manager, has received the "Good Citizen" Award given each year to the outstanding senior girl by the Appalachian Trail Chapter, Daughters of the American Revolution.

Mary Elizabeth, known to her many friends as Libby, represented her school for a week at Girls' State last summer at Radford College, was elected Homecoming Queen, is president of the Beta Club, has been a cheerleader for four years, and is a member of the First Baptist Church where she sings in the choir.

Libby will enter Furman University at Greenville, South Carolina this fall.

Marjorie McCormack New Section Leader



The promotion of Marjorie O. McCormack to the position of Card Punch Section Leader was recently announced by Raymond Collette, Plymouth Production Control and Inventory Coordinator. In her new position Mrs. McCormack will be in charge of the card punch section of the Plymouth Production Control Department.

A graduate of Plymouth High School in 1940, Mrs. McCormack worked for two years at Draper Corporation in Beebe River, New Hampshire before joining the WACs in 1944. During her service in the WACs she attended an IBM school and later served as a tabulating machine operator.

After her discharge in 1946, Mrs. McCormack was again employed at Draper Corporation. She was one of the first employees hired at the Plymouth plant when it started operations in March 1961 and has worked at various jobs in the Finishing Department, including the Stock Cage, until her recent promotion. She is also a LOG reporter.

"Every great scientific truth goes through three stages. First people say it conflicts with the Bible. Next they say it has been discovered before. Lastly they say that they have always believed it."

Louis Agassiz

Worcester Robin Hood Wins State Honors

Four years and a house full of trophies after he was bitten by his hobby - and we don't mean horse - John Sedgwick of the Worcester Model Shop shot his way to second place honors in the Massachusetts State Indoor Archery championships Class A competition.

Competing in a later winter meet at Leominster with top archers from throughout the Commonwealth, John's 267 score was only three points less than the top bowman in his class. What's more, he was also a point-getter for his Leominster Sportsmen's Club which took home the team championship.

Another Model Shop member - George L. Nolette, Jr., also an archer - launched Sedgwick on his hobby when they took in an archery exhibit at a sportsmen's show. Next day John invested in a complete outfit and was off and shooting. When he came to Sprague, he asked for a second shift assignment so that he might practice archery daily during the outdoor season. He uses a bow with 35 pound pull, and includes one made especially for hunting deer. He prefers field archery, an outdoor brand that features targets representing animals - small animals, such as rabbits, for short distances and moose or larger game for long-range shooting.

When he's not out on the archery range you're apt to find John with one of his two sports car clubs, following an 80-mile auto rally course in his Mustang GT fastback.

AT PLYMOUTH



On March 11, 1968 Sprague Electric welcomed Richard A. Siek, Tantalum Process Engineer, to the Plymouth plant.

Mr. Siek was born in Hartford, Connecticut. In 1944 he graduated from Weaver High School in Hartford. He received his Bachelor of Electrical Engineering degree from Cornell University, Ithaca, New York in 1949.

During World War II, Mr. Siek was in the Naval Reserve from February 1945 to July 1946, attending Radar Technicians' School and later was a part of a Radar and Radio Calibration Crew operating out of Boston.

Before joining Sprague Electric, Mr. Siek was employed at Bradley Semiconductor, New Haven, Connecticut; Columbus Electronics, Yonkers, New York; Cornell Dubilier, Norwood, Massachusetts; Edal Industries, Inc., East Haven, Conn.; and Sylvania, Woburn, Mass.



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1967 SUGGESTION FACTS

Continued from page 1

System, only one, Annapolis Junction, did not participate by offering any ideas. There were 216 more suggestions submitted than in the previous year, and 74 more were accepted. Of the total 1,025 suggestions received, 363 were accepted (44%) and 286 are still pending.

Barre, Dearborn, Los Angeles, North Adams, Plymouth, Ponce, Rockville, Toronto and Visalia are all to be commended for the improvement in their suggestion system procedure, but the Hillsville plant must be cited in particular for an outstanding increase of 44% in its percentage of accepted suggestions - from 23% in 1966 to 67% in 1967.

North Adams showed an increase in the number of suggestions submitted and also a greater percentage in the number of ideas accepted. In 1966, of the 119 suggestions received, 42 were accepted for an acceptance rate of 35%. Last year 150 suggestions were submitted and 78 were approved for a 52% average - or a 17% increase over 1966.

Dearborn, Sanford and Worcester have been added to the 1967 report and their systems are showing excellent results.

Sprague PlasTan and Wichita Falls will be inaugurating their systems during 1968 and will be included in the 1968 report.

NEW CITIZEN



Jean Yen Cox, of Wichita Falls, holds a card which says "I am an American." A cake and the card were made and decorated for her by one of her co-workers on the night shift, Waneenah Bruce. Mrs. Cox became an American citizen on March 21, 1968. She also changed her name from Chin Yen to Jean Yen to make her totally American.

She is formerly a citizen of the Republic of China and has been in this country four and one half years. Jean is a Lead Cutter on the night shift at the new Wichita Falls, Texas plant. The celebration was given as a surprise during the night shift lunch break and was attended by all her co-workers and supervisors.

GUIDANCE COUNSELORS VISIT WORCESTER



As part of a program to stimulate interest in Sprague Electric Company among prospective employees, Worcester plant recently staged a visitation for guidance counselors from area parochial and public junior and senior high schools. Twenty-three faculty members answered the invitation and had a first-hand view of our manufacturing operations. In photograph, Alice Brodeur of Final Test demonstrates a lead forming operation for guests.